

Receiving Report

Date: 15-09-21

Batch No: M/133219

Supplier: KLX

Dart P/O: 29374

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

[Signature]

Production/Admin:

Date _____
 Received/Costing _____
 Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID PO29394

Purchase Order Date 8/6/2015

PO Print Date 9/21/2015

Page Number 1 of 1

Order From : VU-KLX01

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD

1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

Contact Name

Vendor Phone 305-925-2600

Vendor Fax 305-507-7191

Ship To Contact

Ship To Phone

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship Method

FedEx Overnight collect

Ship Acct

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
5	MS21250-05-048	BOLT	9/16/2015 Yes 9/16/2015	50.00 Each	\$645.00

Line Total: \$645.00

Outstanding PO Total: \$645.00

CL

Terms & Condition of
Purchasing(Suppliers) and
Procurement Quality Clauses are an
integral part of our AS9100

Change Nbr:

2

Change Date:

9/9/2015



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER
J1LRVK

PAGE 1

SEND TO ACCOUNTING

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO. PO29394		DATE 09/18/15	SHIP VIA FEDX INTL P1 COLL		TERMS NET 45		SHIPPING TERMS FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
5	50	MS21250-05048 TARIFF: 7318.15.2010 Description BOLT ECCN : 9A991 MFR: PB FASTENERS CTRL#: 2015I16112 LOT#: 120904-041909 LOT QTY: 50 Country of Origin USA These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.		12.900	EA	0	50	645.00
CONTINUED								
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>





Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J1LRVK

PAGE 2

SEND TO ACCOUNTING

002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.	DATE	SHIP VIA	TERMS	SHIPPING TERMS			
PO29394	09/18/15	FEDX INTL P1 COLL	NET 45	FOB-MIAMI			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
		*** SHIPPED 1 CTN *** # 1=CTN 7# 0 OZ. 650148367706 FREIGHT ACCT# 15179324-0»15179324-0»15179324-0»15179324-0»15179324-0 TEL# 613-632-3336 DIMENSIONS: 9X9XB					
INVOICE#.....	J1LRVK						
ORDER#.....	9TVYV4						
CONSOLIDATE#..	1BR7HS						
						SUBTOTAL :	645.00
						HANDLING :	0.00
						DISC/ALL :	0.00
						INCM FRT :	0.00
						FREIGHT :	0.00
						TOTAL :	645.00USD
						U.S. CURRENCY	
mej	9TVYV4	SHIPPED ON 09/18/15					

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>





Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

CONSOLIDATION

1BR7HS

PAGE 1

SEND TO ACCOUNTING

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS		
See Below		09/18/2015	FEDX INTL P1 COLL	NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
		INVOICE# CUST P/O						
		FED. TAX# 47-163-9172						
1		J1LRVH P029135						
2		J1LRVK P029394						
mej		***CONSOLIDATION SUMMARY PAGE ONLY						
		SHIPPED ON 09/18/2015						
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J1LRVK

PAGE 1 OF 1

SEND TO ACCOUNTING

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS		
PO29394		09/18/15	FEDX INTL P1 COLL	NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
5	50	MS21250-05048 ✓ BOLT ECCN : 9A991 Country Origin: USA TARIFF: 7318.15.2010 MFR: PB FASTENERS CTRL# : 2015I16112 LOT# : 120904-041909 LOT QTY: 50 <i>These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.</i> *** SHIPPED 1 CTN *** # 1=CTN 7# 0 OZ. 650148367706 FREIGHT ACCT# 15179324-0*15179324-0*15179324-0*15179324-0*15179324-0 TEL# 613-632-3336 DIMENSIONS: 9X9X8		12.900	EA	0	50	645.00
emej 9TVYV4 form #16007.000		SHIPPED ON 09/18/15 303 **CONSOLIDATION# 1BR7HS				SUBTOTAL : HANDLING : DISC/ALL : INCM FRT : FREIGHT : TOTAL : U.S. CURRENCY		645.00 0.00 0.00 0.00 0.00 645.00USD
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172



ORIGINAL INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 9835 NW 14TH ST, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29394

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
5	50	EA	MS21250-05048		120904-041909	PB FASTENERS	27624		


Jason Lewis

09/18/15

Senior Director, Global Quality

Inv # 09/18/15

PAGE	ORDER NUMBER
1	300993-00

KEY, INC.
9835 NW 14TH ST.
MIAMI FL 33172

OPR.	SLS	CONTACT	TERMS	DEPOSIT	DATE SHIPPED	TOTAL FREIGHT		
DS	DANS	JORGE	NET 30 DAYS		9-11-15			
P.O. NUMBER		DATE OF ORDER	DATE WANTED	F.O.B.	SHIP VIA	FREIGHT TERMS		
9S0672		09/11/15	09/14/15	OUR WAREHOUSE	FED X GRD	COLLECT		
ITEM NUMBER/DESCRIPTION					LINE	QTY. ORD.	QTY. SHPD.	QTY. B.O.

7/RS21250-08048

NASH BOLLING PT 180-500 KSI 3/15-24 EAP95-HLD			
44 PC*Tag	73284	Loc	K-25-10

HLA-120904-641909
IP DE TAC 100000

MLot 120904-041909

REVISION NEW

All claims for error, shortage, or damage must be made within 30 days after our shipment of goods. Our liability is limited to replacing the material or refunding the invoice value of the material sold.

RECEIVED BY.

PREPARED BY	KEGS	CARTONS	WEIGHT
Roy B.		1	7 #

(PACKING LIST)

50

PAGE	ORDER NUMBER
1	300993-00

09/11/15 13:53:06

SOLD TO: 306

INVOICE TO:

SHIP TO: 50306

RLX, INC.
10000 NW 15TH TERRACE
MIAMI FL 33172

KLS, INC.
3835 NW 14TH ST.
MIAMI FL 33172

SOLE TO: 305-592-511

OPR.	SLS	CONTACT	TERMS	DEPOSIT	DATE SHIPPED	TOTAL FREIGHT
DS	DANS	JORGE	NET 30 DAYS			
P.O. NUMBER		DATE OF ORDER	DATE WANTED	F.O.B.	SHIP VIA	FREIGHT TERMS
990672		09/11/15	09/14/15	OUR WAREHOUSE	FED X GRD	COLLECT

Warehouse 01

ITEM NUMBER/DESCRIPTION	LINE	QTY. ORD.	QTY. SHPD.	QTY. B.O.
7MS1250-03048	03/14/15	001	62 PC	
NASM BOLT 12 PT 180-200 PSI 5/16-24	EAR99-HLR			
44 PC*Tag	73284	Log	K-25-10	
MLot	120504-041909			
18 PC*Tag	104373	Log	K-26-10	
MLot	120504-041903			
PE FASTENERS CERT PACK C				
QAF 33.0 A,B,C,E,H,P,U,V,A,B				
SHIP FEDX P-1 ACCT#0331-0149-0				
SHIP 2-14-2015 OR SOONER!				
REVISION NEW				

All material is new condition. The products finished in this shipment are represented by the manufacturer as conforming to applicable drawings and specifications. As per requirements which comply with all applicable items within the customers purchase orders; supporting evidence is available at HC Pacific or the source of purchase upon request, it may be subjected to a fee. Unless otherwise noted, country of origin is USA.

QUALITY REP.

DATE:

PREPARED BY	KEGS	CARTONS	WEIGHT

CERTIFICATE OF CONFORMANCE

50



HC Pacific ITAR Disclaimer

"This shipment may contain items that require ITAR export licenses. A notation on the shipper with each shipped part number will designate the item either **ITAR VIIIh**, in which case the shipment **DOES REQUIRE** any international shipper/carrier to apply to The United States Department of State for an export license before shipment is made, or **EAR99-NLR** (No License Required).

Special handling of ITAR items and information relating to such items is required. Additional restrictions may also apply to all international shipments for both ITAR and EAR99-NLR items. Please check with The United States Department of State for details. Domestic (U.S.) customers must obtain the required export licenses for any international shipments made. Violations of the ITAR/EAR regulations and laws can result in severe fines, penalties, imprisonment, and loss of exporting privileges.

With acceptance of this material the purchaser agrees to comply with applicable Laws and Regulations of the United States and other international organizations pertaining to the export or handling of these items and/or other pertinent information relating to these items"

PBF

FASTENERS

PACKING LIST

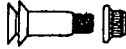
73284 AC 12/17/04 9:40

PACKING LIST NO.

20761

a division of PAUL R. BRILES, INC.

1700 WEST 132ND ST., GARDENA, CA 90249
FAX: (310) 329-8248 • TELEPHONE: (310) 323-6222
WEB: pbfasteners.com



SLEEVBOLT®
IS THE FASTENER



DATE: 12/17/04

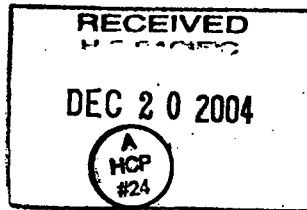
SOLD TO:

008350
H. C. PACIFIC **
19844 QUIROZ COURT
WALNUT, CA 91789

SHIP TO:

008350
H. C. PACIFIC **
19844 QUIROZ COURT
WALNUT, CA 91789

SALESMAN 274	JOB NO. 041909	SHIPPED VIA UPS/WILL CALL	DUE DATE 12/23/04	CUSTOMER'S ORDER NO. 000355
CONTAINERS	WEIGHT	WAY BILL NO.	DATE SHIPPED	F.O.B. Gardena
ITEM NO.	QUANTITY		PART NO. AND DESCRIPTION	
	SHIPPED	BAL OPEN		
1	2,500	0	<p>MS21250-05048 NASM21250-05048 BOLT 12pt tension head INSPECTION LOT: 120904-041909 MATERIAL: 8740 HEAT NO: D197F TEST DATA INCLUDED</p> <p>PAGE: 757P M FREIGHT TERMS: 1</p> <p>AC 12/17/04 REV. REV. NEW</p>	



STATEMENT OF COMPLIANCE: Products identified in this shipment have been manufactured, tested and packed in accordance with, and unless otherwise noted, conform in all respects to the applicable drawings for standards, specifications and purchase order requirements.

SIGNATURE

Mano...

Signed

RECEIVED ABOVE MERCHANDISE IN GOOD ORDER.

NO CLAIMS ALLOWED UNLESS REPORTED WITHIN 30 DAYS AFTER RECEIPT OF SHIPMENT.

PACKING LIST

000355/73284

A
HCP
#24**PAF FASTENERS**a division of PAUL R. BRILES, INC.
1700 WEST 132ND STREET, GARDENA, CALIFORNIA 90249-0157
TELEPHONE (310) 323-6222 FAX (310) 329-6249**Certified Test Report**

CUSTOMER H. C. PACIFIC		P. O. NUMBER 000355		DATE OF MANUFACTURE 09-20-04	
PART NUMBER MS21250-05048 NASM21250-05048 REV. NEW BOLT				PROCUREMENT SPEC. NASM8831"3"	
QUANTITY MANUFACTURED LOT 2,915		INSP. LOT NUMBER 120904-041909		QUANTITY THIS SHIPMENT 2,500	
MATERIAL 8740		HEAT NUMBER D197F		PRODUCER M.G.F. IND./LLC	
ALLOY VERIFICATION HAS BEEN PERFORMED					

MECHANICAL TEST RESULTS**Dbl. Shear Strength**

Test	Pounds
1.	16.850
2.	16.950
3.	17.000
4.	17.100
5.	17.150
6.	17.100
7.	17.050
8.	17.050
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	

Min. Req.: 16,600

X-KaS1 =

Ka =

Ult. Tensile Strength

Test	Pounds	Frac. Loc.
1.	12.950	THREAD
2.	12.773	THREAD
3.	12.906	THREAD
4.	12.836	THREAD
5.	12.807	THREAD
6.	12.751	THREAD
7.	12.911	THREAD
8.	12.820	THREAD
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		

Min. Req.: 11,100

X-KaS1 =

Ka =

Fatigue Life

Test	Cycles	Frac. Loc.
1.	130,000	UNFAILED
2.	130,000	UNFAILED
3.	130,000	UNFAILED
4.	130,000	UNFAILED
5.	108,274	THREAD
6.	130,000	UNFAILED
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		

Ave. Life: 126,379

Min. Req.: 100,000

Ave. Req.: _____

Low Load: 510 #

High Load: 5,100 #

Other Mech. Tests: STRESS DURA.: 5 FINISHED PARTS WITHSTOOD
9,435 LBS. FOR 23 HRS. MIN..**METALLURGICAL EXAMINATION**

DELTA FERRITE NOT APPLICABLE		CARB/DECARBURIZATION NONE		DECARB ALLOWED NONE		SAMPLE SIZE 5	
DISCONTINUITIES (TYPE & LOCATION) CREST CRATERS AND CREST LAPS .0027"				DISCONTINUITIES DEPTH ALLOWED .005"		GRAIN FLOW/WORK EFFECT SATISFACTORY	
GRAIN SIZE SATISFACTORY		HARDNESS ACTUAL RANGE: RC41-43		SPECIMEN NO. (S) 988-997HP			

CHEMICAL ANALYSIS OF FASTENERS BASED ON MILL REPORT CERTIFIED TO MIL-S-6049 A AM.1C .40, Mn .85, Si .28, P .013, S .006, Ni .43, Cr .55, Mo .20, V _____
CU .18

THREAD SPEC. PER AS8879 REV. C

CAD PLATE PER QQ-P-416 REV. F AM.3, TY.II, CL.2 AND BAKE 23 HRS. MIN..

MAG. INSP. PER ASTM E 1444 -01, 100% (HADD-CO P.O. 169744)

Fasteners in this lot were manufactured and processed together in one continuous run per procurement specification. All mechanical and metallurgical tests were conducted in accordance with and conform to the requirements of the specification above.

This certified test report shall not be reproduced except in full, without the written approval of the laboratory.

This is an accredited laboratory, NVLAP#200139

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U. S. Government.

FORM # 34-1 (Revised 7/09/01)

HERBERT ALEMAN
LAB SUPERVISOR

CERTIFIED BY

DEC 16 04

By

Authorized Representative



MGF Industries, LLC

8440 E. Canning Street
Los Angeles, CA 90040
Phone (323) 722-4933
Fax (323) 721-2738

WORK ORDER
015990

CERTIFICATION

HEAT NO. ✓
D197F
SALES ORDER / RLS
792902 / 1
ISO 9002 REGISTERED



SOLD TO

P B Fasteners
1700 W. 132ND
Gardena, CA 90249
USA

CUSTOMER P.O. 79686	CUSTOMER PART	QUANTITY 3,123 LBS	CARRIERS 2	LADING NO 00030303	SHIPMENT DATE 08/09/2001			
SPECIFICATION P018740-103210A A-8740, AQ, SKFG, CHQ WIRE, SAIP Zinc Phosphate, Lime & Stearate Coating, Size:0.320/0.322 Specifications: AMS 2301H, AMS 6322L, MIL-S-6049A AMEND 1, PBF N1011, AMS-S-6049								
CERTIFICATION REQUIREMENTS								
Chemical Properties								
C .40	Si .28	Mn .85	P .013	S .006	Cu .18	Ni .43	Cr .55	Mo .20
Physical Properties								
Grain Size Jominy 1 9 J5=53	Jominy 2 J8=45	Jominy 3 J10=40	Inclusions Macro S2-R1-C2	Cleanliness F&S=0	Mill Source Daido			
Mechanical Properties								
TEST	UNITS				Results			
Tensile Strength	KSI				91.0			
Yield Strength	KSI				77.3			
% Elongation	%				34			
% Reduction of Area	%				70.5			
Rockwell Hardness B Scale	HRB				92			

Merchandise covered by this invoice is warranted to be free from defects in workmanship or material but not for any specific length of time, type or measure of service. No claim for allowance will be recognized unless presented in writing within 10 days time after receipt of material. Our maximum liability for any claim predicated upon defective merchandise is limited to replacement of it, or to repayment of it, or to repayment of the purchase price thereof, as we elect. Material cut to specific length or size cannot be returned for credit and request for cancellation of such orders will not be considered if manufacture has been commenced. Buyer, by acceptance of the merchandise covered by this invoice, agrees to the foregoing terms and conditions and those set forth on the reverse hereof.

"The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal statutes including Federal law, Title 18, Chapter 47."

REPRODUCTION OF THIS CERTIFICATION IS NOT ALLOWED UNLESS IN FULL.

MGF Industries metallurgical laboratory is accredited in the following test: chemical analysis per ASTM E 415, mechanical testing per ASTM A 370, Rockwell hardness per ASTM E 18, metallographic mount preparation per ASTM E 3, decarburization depth per ASTM E 107, IFI 140, inclusion rating per ASTM E 45.

The reported Chemical and Physical Properties are Melt Source results. Tests which have been undertaken by a subcontractor laboratory that is not accredited are not endorsed by A2LA or covered by MGF Industries' A2LA accreditation.

TEST RESULTS RELATE ONLY TO THE ITEMS TESTED.

Material is free of mercury, radium, or alpha contamination.

INSPECTION CERTIFICATE

Messrs: SUMIKIN BUSSAN CORPORATION

Date: MAR 08 2001

Packing List No: 03-0071 (1/4)

Contract No: HMA0703(5415)
(AA110070)

Customer No:

Condition: SPHEROIDIZED ANNEALED &
PHOSPHATE COATED (HOT)

No.	Type of Steel	Heat No.	Size (MM)	Length (MM)	Pcs	Weight (KGS)	Body Hardness (HRR)
TV1-TV6	AISI B8740	D197F	DIA. 6	IN COIL	12	11912	87-88
TW1-TW9		NM05E	DIA. 6	IN COIL	18	17838	87-90
UB1-UB15		2393E	DIA. 7	IN COIL	30	29743	86-88
UJ1-UJ2		1B96E	DIA. 9	IN COIL	4	3994	86-88
UC1-UC5		1B96E	DIA. 10	IN COIL	10	10101	86-88
UA1-UA13		1B96E	DIA. 12	IN COIL	25	26251	86-89

CONTINUE

Items Unit Specification	Chemical Composition										Mechanical Properties (Type of Specimen JIS9B)					SIZE MM		
	C	Si	Mn	P	S	CU	NI	CR	MO				Tensile Strength	Elongation	Reduction of Area		Hardness	Impact Value
	%	%	%	%	%	%	%	%	%	%	%	%	KSI	%	%			
Heat No.	38-	20-	75-	MAX	MAX	MAX	40-	40-	20-				MAX					
	43	35	100	25	25	35	70	60	30				85					
D197F	40	28	85	13	6	18	49	55	20				84					6
NM05E	41	28	87	20	7	10	42	55	20				85					6
2393E	40	28	85	14	9	13	45	55	21				85					7
1B96E	40	28	85	14	8	11	43	55	20				85					9
1B96E	40	28	85	14	8	11	43	55	20				85					10
1B96E	40	28	85	14	8	11	43	55	20				85					12

INCH Heat #1/16 No.	Hardenability (End Quenching Method)										Remarks: MACRO STRUCTURE TEST	CLEANLINESS TEST
	5	8	10									
D197F	53	45	40								GOOD S1-R1-C1	GOOD (F&S=0)
NM05E	55	48	44								GOOD S1-R1-C1	GOOD (F&S=0)
2393E	55	46	41								GOOD S1-R1-C1	GOOD (F&S=0)
1B96E	55	48	43								GOOD S1-R1-C1	GOOD (F&S=0)
1B96E	55	48	43								GOOD S1-R1-C1	GOOD (F&S=0)
1B96E	55	48	43								GOOD S1-R1-C1	GOOD (F&S=0)

It is hereby certified that the above results are true and correct in every detail.

Hoshizaki Plant.

★ Daido Steel Co. Ltd.

Chief of Quality Assurance Section

M Yamamoto

#1270
1278
Cable address:
Steel, Nagoya
Tel Nagoya (611)2525



Daido Steel Co. Ltd.

HOSHIZAKI PLANT

JAPAN

NO. 03-0071 (2/4)

DATE MAR. 08. 2001

GRAIN SIZE TEST
(ASTM QXID)

D197F	9.0
NM05E	9.9
2393E	10.0
1B96E	9.7
1B96E	9.7
1B96E	9.7

MICRO STRUCTURE
TEST

GOOD
GOOD
GOOD
GOOD
GOOD
GOOD

DECARBURIZATION
TEST (MM)

GOOD(0.02)
GOOD(0.04)
GOOD(0.04)
GOOD(0.07)
GOOD(0.04)
GOOD(0.09)

SIZE

DIA.6
DIA.6
DIA.7
DIA.9
DIA.10
DIA.12

AIRCRAFT QUALITY
AMS2301H, AMS8322K
MIL-S-6049A, AMENDMENT 1

D197F
NM05E
2393E
1B96E
1B96E
1B96E

SIZE

DIA.6
DIA.6
DIA.7
DIA.9
DIA.10
DIA.12

100%
AUG 15 01

Chief of Quality Assurance Section

M Yamamoto

Hadd-Co Inspection Lab.

Toll Free: (888) 339-8472
Phone: (310) 325-7620
Fax: (310) 325-9655

2420 Amsler Street
Torrance, California 90505

No. 69142

TO: PB Fasteners, Inc.
1700 W. 132nd St.
Gardena, CA 90249

DATE 12-08-04
YOUR ORDER NO. 169744
OUR ORDER NO.
YOUR SHIPPING NO.
YOUR JOB NO. 04-1909

QUANTITY	PART NUMBER	DESCRIPTION	PRICE	TOTAL
2,915	MS21250-05048 NASM21250-05048	Bolt Per ASTM-E-1444-01 & NASM8831-3 Mat. 8740 Plated		

DEC 09 04



Less Than 3 Grades

INSPECTION	
Magnetic	100% Zygo
Rejects	NONE
IDENTIFICATION	
Rubber	Steel
DYE: Red	Green

This is to certify that parts under subject purchase order have been ☐ Fluorescent Penetrant / ☐ Magnetically Inspected in accordance with applicable and / or purchase order requirements.

George Haddad

INSPECTOR

C.A.D./LVT



Note: Altering of this certification renders it void.